Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035828.D
Acq On : 24 Dec 2024 19:05
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.257	152	4008	0.400	ng		-0.02
7) Naphthalene-d8	9.998	136	9840	0.400	ng		-0.02
13) Acenaphthene-d10	13.914	164	5373	0.400	ng		-0.02
19) Phenanthrene-d10	16.698	188	9905	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	7447	0.400	ng		# 0.00
35) Perylene-d12	23.029	264	7426	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	3589	0.358	ng		-0.01
5) Phenol-d6	6.470	99	6110	0.506	ng		-0.02
8) Nitrobenzene-d5	8.397	82	3140m	0.522	ng		-0.01
11) 2-Methylnaphthalene-d10	11.610	152	5246	0.341	ng		-0.01
14) 2,4,6-Tribromophenol	15.442	330	1040	0.273	ng		-0.01
15) 2-Fluorobiphenyl	12.533	172	8409	0.414	ng		-0.01
27) Fluoranthene-d10	18.752	212	9222	0.328	ng		0.00
31) Terphenyl-d14	19.384	244	6024	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	2007	0.524	ng		99
3) n-Nitrosodimethylamine	3.270	42	1227	0.384	ng	#	82
6) bis(2-Chloroethyl)ether	6.715	93	4129	0.407	ng		99
9) Naphthalene	10.052	128	10772	0.415	ng		99
10) Hexachlorobutadiene	10.340	225	2784	0.465	ng	#	99
12) 2-Methylnaphthalene	11.686	142	6505	0.350	ng		99
16) Acenaphthylene	13.636	152	8453	0.375	ng		99
17) Acenaphthene	13.978	154	5821	0.389	ng		100
18) Fluorene	14.993	166	7311	0.341	ng		99
20) 4,6-Dinitro-2-methylph...	15.132	198	239	0.245	ng	#	24
21) 4-Bromophenyl-phenylether	15.904	248	2287	0.395	ng	#	91
22) Hexachlorobenzene	16.003	284	3296	0.484	ng		99
23) Atrazine	16.202	200	1504	0.365	ng		95
24) Pentachlorophenol	16.363	266	898	0.303	ng		89
25) Phenanthrene	16.735	178	10097	0.371	ng		100
26) Anthracene	16.835	178	8619	0.350	ng		100
28) Fluoranthene	18.784	202	11973	0.326	ng		99
30) Pyrene	19.151	202	12223	0.445	ng		100
32) Benzo(a)anthracene	20.929	228	8203	0.315	ng		99
33) Chrysene	20.982	228	11628	0.433	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	4135	0.402	ng		99
36) Indeno(1,2,3-cd)pyrene	25.052	276	10298	0.355	ng	#	83
37) Benzo(b)fluoranthene	22.418	252	17240	0.635	ng	#	95
38) Benzo(k)fluoranthene	22.462	252	11542m	0.432	ng		
39) Benzo(a)pyrene	22.944	252	8337	0.373	ng	#	87
40) Dibenzo(a,h)anthracene	25.073	278	7409	0.323	ng	#	90
41) Benzo(g,h,i)perylene	25.663	276	9651	0.403	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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